

**SCECAP 1999 -- Open Water  
Integrated Assessment**

| Station | Water Quality    |                |    |                  |                |                  |                  | Sediment Quality |                       |                  | Biological Condition |                  | Overall | County     | Location   |
|---------|------------------|----------------|----|------------------|----------------|------------------|------------------|------------------|-----------------------|------------------|----------------------|------------------|---------|------------|--|
|         | Dissolved Oxygen | Fecal Coliform | pH | Bio. Oxy. Demand | Total Nitrogen | Total Phosphorus | Integrated Score |                  | Toxicity Contaminants | Integrated Score | Benthic IBI          | Integrated Score |         |            |  |
| RO99301 |                  |                |    |                  |                |                  | 5.0              |                  |                       | 5                | 4.0                  | 4.7              |         | Charleston | Off of Wando River in Nowell Creek               |
| RO99302 |                  |                |    |                  |                |                  | 3.8              |                  |                       | 4                | 3.0                  | 3.6              |         | Colleton   | Upper Ashepoo River                              |
| RO99303 |                  |                |    |                  |                |                  | 4.0              |                  |                       | 5                | 4.0                  | 4.3              |         | Beaufort   | In Beaufort River off Parris Island              |
| RO99304 |                  |                |    |                  |                |                  | 4.2              |                  |                       | 5                | 4.5                  | 4.6              |         | Beaufort   | Lower Okatie River                               |
| RO99305 |                  |                |    |                  |                |                  | 5.0              |                  |                       | 5                | 4.5                  | 4.8              |         | Beaufort   | Lower Chechesee River                            |
| RO99306 |                  |                |    |                  |                |                  | 4.6              |                  |                       | 4                | 4.0                  | 4.2              |         | Georgetown | Lower Murrell's Inlet                            |
| RO99307 |                  |                |    |                  |                |                  | 3.8              |                  |                       | 4                | 4.0                  | 3.9              |         | Georgetown | South Santee River near Highway 17 bridge        |
| RO99308 |                  |                |    |                  |                |                  | 5.0              |                  |                       | 5                | 4.0                  | 4.7              |         | Beaufort   | Saint Helena Sound near Morgan Island            |
| RO99309 |                  |                |    |                  |                |                  | 4.3              |                  |                       | 4                | 3.5                  | 3.9              |         | Beaufort   | Lower Coosaw River near Coosaw Island            |
| RO99310 |                  |                |    |                  |                |                  | 4.7              |                  |                       | 5                | 4.5                  | 4.7              |         | Beaufort   | Beaufort River near Parris Island                |
| RO99311 |                  |                |    |                  |                |                  | 5.0              |                  |                       | 5                | 3.0                  | 4.3              |         | Charleston | Lower South Santee near Murphy Island            |
| RO99312 |                  |                |    |                  |                |                  | 5.0              |                  |                       | 4                | 4.0                  | 4.3              |         | Charleston | Kiawah River                                     |
| RO99313 |                  |                |    |                  |                |                  | 4.2              |                  |                       | 4                | 2.0                  | 3.4              |         | Beaufort   | Whale Branch Creek                               |
| RO99315 |                  |                |    |                  |                |                  | 3.8              |                  |                       | 5                | 4.0                  | 4.3              |         | Beaufort   | Upper May River                                  |
| RO99316 |                  |                |    |                  |                |                  | 4.5              |                  |                       | 2                | 1.5                  | 2.7              |         | Georgetown | Winyah Bay near City of Georgetown               |
| RO99317 |                  |                |    |                  |                |                  | 4.7              |                  |                       | 5                | 4.0                  | 4.6              |         | Charleston | Near confluence of Folly River and Stono River   |
| RO99318 |                  |                |    |                  |                |                  | 4.7              |                  |                       | 5                | 4.5                  | 4.7              |         | Beaufort   | Lower Morgan River                               |
| RO99319 |                  |                |    |                  |                |                  | 4.2              |                  |                       | 4                | 4.0                  | 4.1              |         | Beaufort   | Parrot Creek on Morgan Island                    |
| RO99320 |                  |                |    |                  |                |                  | 5.0              |                  |                       | 4                | 4.5                  | 4.5              |         | Beaufort   | Lower May River                                  |
| RO99321 |                  |                |    |                  |                |                  | 4.2              |                  |                       | 3                | 2.5                  | 3.2              |         | Georgetown | Winyah Bay                                       |
| RO99322 |                  |                |    |                  |                |                  | 4.7              |                  |                       | 3                | 3.0                  | 3.6              |         | Charleston | Charleston Harbor near Patriots Point            |
| RO99323 |                  |                |    |                  |                |                  | 5.0              |                  |                       | 4                | 4.0                  | 4.3              |         | Charleston | North Edisto River near mouth of Leadenwah Creek |
| RO99324 |                  |                |    |                  |                |                  | 3.8              |                  |                       | 3                | 3.5                  | 3.4              |         | Beaufort   | Buzzard Creek in Broad River                     |
| RO99325 |                  |                |    |                  |                |                  | 4.2              |                  |                       | 5                | 4.5                  | 4.6              |         | Beaufort   | Lower Chechesee River                            |
| RO99326 |                  |                |    |                  |                |                  | 4.3              |                  |                       | 5                | 2.5                  | 3.9              |         | Georgetown | Winyah Bay near Marsh Island                     |
| RO99327 |                  |                |    |                  |                |                  | 5.0              |                  |                       | 5                | 4.0                  | 4.7              |         | Charleston | Stono River                                      |
| RO99328 |                  |                |    |                  |                |                  | 4.7              |                  |                       | 5                | 4.5                  | 4.7              |         | Charleston | Lower South Edisto River near Saint Pierre Creek |
| RO99329 |                  |                |    |                  |                |                  | 5.0              |                  |                       | 5                | 5.0                  | 5.0              |         | Beaufort   | Beaufort River near City of Beaufort             |
| RO99330 |                  |                |    |                  |                |                  | 4.0              |                  |                       | 4                | 4.0                  | 4.0              |         | Beaufort   | Upper Broad Creek on Hilton Head Island          |